

### ABSTRACT

A drill steel for use in mine roof bolting operations. To eliminate or reduce the possibility of fracture in drill steels used in the roof bolting operations in mines the square or hexagonal surfaces of such drill steels or the elements such as couplings, collars, and recesses  
5 that are to be connected to drill steels are machined rather than forged or welded. Pieces are joined by press fitting for assembly purposes.

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